Environmental Protection Agency

§ 61.358

§61.358 Delegation of authority.

(a) In delegating implementation and enforcement authority to a State under section 112(d) of the Clean Air Act, the authorities contained in paragraph (b) of this section shall be re-

tained by the Administrator and not transferred to a State.

(b) Alternative means of emission limitation under $\S61.353$ of this subpart will not be delegated to States.

§61.359 [Reserved]

APPENDIX A

National Emission Standards for Hazardous Air Pollutants

Compliance Status Information

I. SOURCE REPORT

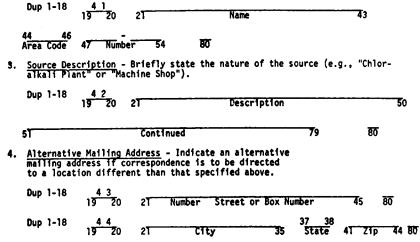
INSTRUCTIONS: Owners or operators of sources of hazardous pollutants subject to the National Emission Standards for Hazardous Air Pollutants are required to submit the information contained in Section I to the appropriate U.S. Environmental Protection Agency Regional Office prior to 90 days after the effective date of any standards or amendments which require the submission of such information.

A list of regional offices is provided in \$61.04.

A. SOURCE INFORMATION

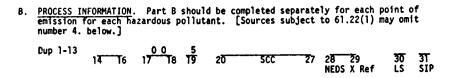
1. <u>Identification/Location</u> - Indicate the name and address of each source.

 Contact - Indicate the name and telephone number of the owner or operator or other responsible official whom EPA may contact concerning this report.

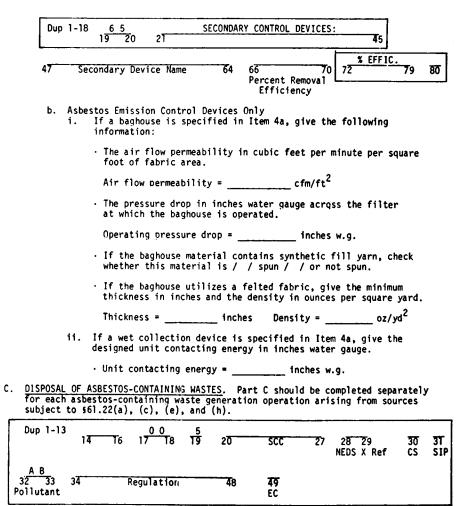


5. Compliance Status - The emissions from this source can cannot meet the emission limitations contained in the National Emission Standards on or prior to 90 days after the effective date of any standards or amendments which require the submission of such information.

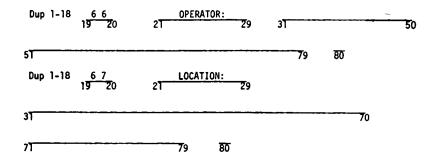
Signature of Owner, Operator or Other Responsible Official MOTE: If the emissions from the source will exceed those limits set by the National Emission Standards for Hazardous Air Pollutants, the source will be in violation and subject to Federal enforcement actions unless granted a waiver of compliance by the Administrator of the U.S. Environmental Protection Agency. The information needed for such waivers is listed in Section II of this form.



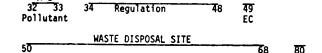
1.	Pollutant Emitted - Indicate the type of hazardous pollutant emitted by the process. Indicate "AB" for asbestos, "BE" for beryllium, or "HG" for mercur	·y.
	32 33 Pollutant 34 Regulation 48 49 EC	
2.	Process Description - Provide a brief description of each process (e.g., "hydrogen end box" in a mercury chlor-alkali plant, "grinding machine" in a beryllium machine shop). Use additional sheets if necessary.	
_	50 Process Description 74 80	
	Dup 1-18 6 1 19 20 21 5	Ò
	51 79 80	
	Dup 1-18 6 2 19 20 21 5	Ö
Ŀ	79 80	
3.	Amount of Pollutant - Indicate the average weight of the hazardous material named in Item I which enters the process in pounds per month (based on the previous twelve months of operation).	
	Dup 1-18 6 3 19 20 21 27 29 36 80	
4.	Control Devices a. Indicate the type of pollution control devices, if any, used to reduce the emissions from the process (e.g., venturi scrubber, baghouse, wet cyclone) and the estimated percent of the pollutant which the device removes from the process gas stream.	
	Dup 1-18 6 4 PRIMARY CONTROL DEVICE: 43	
	45 Primary Device Name 64 Percent Removal 72 79 Efficiency	
	80	



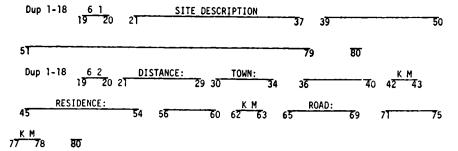
1.	Waste Gene generates	eration - asbestos	Provide a brie -containing was	f description o te (e.g. dispos	f each proce al of contro	ess that	: ce wastes).
	50	Process	Description	79 8	0		
2.	Asbestos (Concentra materials	<u>tion</u> - Indicate	the average pe	rcentage ast	estos o	content
	Dup 1-18	1 9 2 0	ASBESTOS 21	CONCENTRATION:	 43 4	15	48
	50 80						
3.	Amount of disposed of	Wastes - of, measu	Indicate the arred in kg/day.	verage weight o	f asbestos-c	ontaini	ng wastes
	Dup 1-18	1 6 2 0	21	2 7 2 9	kg/day 34	80	ī
4.		disposal,	Indicate the em from collection				
	Dup 1-18	1 9 2 0	2T	ary Control Met	hod 43		
	45					7 9	80
	Dup 1-18	1 9 2 0	21		5	i0	
	5T					7 9	80
5.	open, cove is dispose	red) or ed of and	ndicate the type incineration si who operates the location of the	te (municipal, ne site (compan _i	private) whe y, private,	re the municip	waste al).
	Dup 1-18	1 6 5 1 9 2 0	2T TYPE OF	F SITE:	35		50



D. WASTE DISPOSAL SITES. Part D should be completed separately for each asbestos waste disposal site subject to section 61.22(1).



 Description - Provide a brief description of the site, including its size and configuration, and the distance to the closest city or town, closest residence, and closest primary road.



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II. WAIVER REQUESTS

A. Waiver of Compliance. Owners or operators of sources unable to operate in compliance with the National Emission Standards for Hazardous Air Pollutants prior to 90 days after the effective date of any standards or amendments which require the submission of such information may request a waiver of compliance from the Administrator of the U.S. Environmental Protection Agency for the time period necessary to install appropriate control devices or make modifications to achieve compliance. The Administrator may grant a waiver of compliance with the standard for a period not exceeding two years from the effective date of the hazardous pollutant standards, if he finds that such period is necessary for the installation of controls and that steps will be taken during the period of the waiver to assure that the health of persons will be protected from imminent endangerment.

The report information provided in Section I must accompany this application. Applications should be sent to the appropriate EPA regional office.

- 1. *Processes Involved*—Indicate the process or processes emitting hazardous pollutants to which emission controls are to be applied.
- 2. Controls
- a. Describe the proposed type of control device to be added or modification to be made to the process to reduce the emission of hazardous pollutants to an acceptable level. (Use additional sheets if necessary.)
- b. Describe the measures that will be taken during the waiver period to assure that the health of persons will be protected from imminent endangerment. (Use additional sheets if necessary.)
- 3. *Increments of Progress*—Specify the dates by which the following increments of progress will be met.

Date by which contracts for emission control systems or process modifications will be awarded; or date by which orders will be issued for the purchase of the component parts to accomplish emission control or process modification

Dup	1-16	17	T9 5 3	5 4 5 5	60	61	MO/DY/YR	66	80
					struction or cess change.	insta'	llation of		
Dup	1-16	17	i 9 5 3	54 55	60	61	MO/DY/YR	66	80
					n or installa is to be com			control	
Dup	1-16	17	Г9 5 3 5	54 55	6 0	61	MO/DY/YR	66	80
	Date by	which f	inal compl	liance is	to be achieve	d.			
Dup	1-16	0 4 7 17	Г9 5 3 5	54 5 5	60	61	MO/DY/YR	6 6	80

B. Waiver of Emission Tests. A waiver of emission testing may be granted to owners or operators of sources subject to emmission testing if, in the judgment of the Administrator of the Environmental Protection Agency the emissions from the source comply with the appropriate standard or if the owners or operators of the source have requested a waiver of compliance or have been granted a waiver of compliance.

This application should accompany the report information provided in Section I.

1. Reason—State the reasons for requesting a waiver of emission testing. If the reason stated is that the emissions from the source are within the prescribed limits, documentation of this condition must be attached.

Date -----

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Signature of the owner or operator -(Sec. 114, of the Clean Air Act as amended (42 U.S.C. 7414))

[40 FR 48303, Oct. 14, 1975, as amended at 43 FR 8800, Mar. 3, 1978; 50 FR 46295, Sept. 9,

APPENDIX B TO PART 61—TEST METHODS

Method 101-Determination of particulate and gaseous mercury emissions from chlor-alkali plants-air streams

Method 101A-Determination of particulate and gaseous mercury emissions from sewage sludge incinerators

Method 102-Determination of particulate and gaseous mercury emissions from chlor-alkali plants-hydrogen streams

Method 103—Beryllium screening method Method 104-Determination of beryllium emissions from stationary sources

Method 105-Determination of mercury in wastewater treatment plant sewage sludges

Method 106—Determination of vinyl chloride from stationary sources

Method 107-Determination of vinyl chloride content of inprocess wastewater samples, and vinvl chloride content of polyvinyl chloride resin, slurry, wet cake, and latex samples

Method 107A-Determination of vinyl chloride content of solvents, resin-solvent solution, polyvinyl chloride resin, resin slurry, wet resin, and latex samples

Method 108-Determination of particulate and gaseous arsenic emissions

Method 108A-Determination of arsenic content in ore samples from nonferrous smelters

Method 108B—Determination of arsenic content in ore samples from nonferrous smelters

Method 108C-Determination of arsenic content in ore samples from nonferrous smelters

Method 111—Determination of Polonium—210 emissions from stationary sources

METHOD 101—DETERMINATION OF PARTICULATE AND GASEOUS MERCURY EMISSIONS FROM CHLOR-ALKALI PLANTS—AIR STREAMS

1. Applicability and Principle

1.1 Applicability. This method applies to the determination of particulate and gaseous mercury (Hg) emissions from chlor-alkali plants and other sources (as specified in the regulations), where the carrier-gas stream in the duct or stack is principally air.

1.2 Principle. Particulate and gaseous Hg emissions are withdrawn isokinetically from the source and collected in acidic iodine monochloride (ICl) solution. The Hg collected (in the mercuric form) is reduced to elemental Hg, which is then aerated from the

solution into an optical cell and measured by atomic absorption spectrophotometry.

2. Range and Sensitivity

2.1 Range. After initial dilution, the range of this method is 0.5 to 120 μg Hg/ml. The upper limit can be extended by further dilution of the sample.

2.2 Sensitivity. The sensitivity of this method depends on the recorder/spectrophotometer combination selected.

3. Interfering Agents

3.1 Sampling. SO₂ reduces ICl and causes premature depletion of the ICl solution.

3.2 Analysis. ICl concentrations greater than 10⁻⁴ molar inhibit the reduction of the Hg (II) ion in the aeration cell. Condensation of water vapor on the optical cell windows causes a positive interference.

4. Precision and Accuracy

The following estimates are based on collaborative tests, wherein 13 laboratories performed duplicate analyses on two Hg-containing samples from a chlor-alkali plant and on one laboratory-prepared sample of known Hg concentration. The concentration ranged from 2 to 65 µg Hg/ml.

4.1 Precision The estimated within-laboratory and between-laboratory standard deviations are 1.6 and 1.8 µg Hg/ml, respec-

tively.

4.2 Accuracy. The participating laboratories that analyzed a 64.3-µg Hg/ml (in 0.1 M ICl) standard obtained a mean of 63.7 µg Hg/ ml.

5. Apparatus

5.1 Sampling Train. A schematic of the sampling train is shown in Figure 101-1; it is similar to the Method 5 train (mention of Method 5 refers to part 60 of 40 CFR). The sampling train consists of the following components:

5.1.1 Probe Nozzle, Pitot Tube, Differential Pressure Gauge, Metering System, Barometer, and Gas Density Determination Equipment. Same as Method 5, Sections 2.1.1, 2.1.3, 2.1.4, 2.1.8, 2.1.9, and 2.1.10, respectively.

5.1.2 Probe Liner. Borosilicate or quartz glass tubing. The tester may use a heating system capable of maintaining a gas temperature of 120±14° C (248±25° F) at the probe exit during sampling to prevent water condensation.

Note: Do not use metal probe liners.

5.1.3 Impingers. Four Greenburg-Smith impingers connected in series with leak-free ground glass fittings or any similar leak-free noncontaminating fittings. For the first, third, and fourth impingers, the tester may use impingers that are modified by replacing the tip with a 13-mm-ID (0.5-in.) glass tube extending to 13 mm (0.5 in.) from the bottom of the flask.

5.1.4 Acid Trap. Mine Safety Appliances air line filter, Catalog number 81857, with